APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

On the Problem of Linear Conjugates in Analytic Function Theory, by B. V. Kvedelidze, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 2, 1951, pp 177-180.

Sci Tr Center
RT-1093
MDF K-181

17,418

Scientific - Mathematics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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The Surface Photoelectric Effect of Ferromagnetic Substances, by S. V. Vonsovskiĭ, A. V. Sokolov.

Full translation.

RUSSIAN, mo per, Dok Ak Nauk SSSR, Vol ~~LXXXVI~~, No 1, USSR, ~~1952~~, pp ~~39-42~~. 197-200

~~XXX~~ AEC Tr 1510

Scientific - Physics, photoelectric, ferromagnetic

NTC 69-11412-20C

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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The Law of Approach to Saturation of Even Effects Taking Into Account the Internal Elastic Strains, by G. I. D'yakov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 2, 1951, pp 201-204.

Assoc Tech Sv
Tr RJ-604
$5.65 52,242

Sci - Physics
Sep 57

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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TSCHAIKIN, B. F.
IVLEV, V. F.

Method of Investigating Irreversible Magnetic Rotation Jumps.

RUSSIAN, Dok Ak Nauk SSSR, Vol LXXVI, No 2, 1951, pp 205 - 208.

AEC Tr 578

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Concerning Methods for Investigating Distribution Functions of Velocities of Electrons in a Gaseous Discharge, by Yu M. Kagan, V. L. Federov, G. M. Malyshev, L. A. Gavellas, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, 1951, pp 215-17.

AEC Tr 2558

Sci - Physics, Electronics 40,431
Nov 56 EEX CTS

SLA R-3099

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Activation Energy of the Hydration of Metaphosphoric Acids in Alkaline Solutions, by I. A. Paul'sen,
3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol LXXVI, 1951, Oct
pp 221 222.

SLA R-2862

Sci

Jul 59

92,422

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Doklady Akademii Nauk SSSR, Vol 76, No 2
(11 January 1951),
pages 231-3

"Experience Gained in Employing the Pedologico-Floristic Method of Prospecting Under Conditions Prevailing in the Steppe Provinces Beyond the Urals
author: D. P. Malyuga (Inst of Geochem, etc)

11304 ST-487 (item b) SR 2 May 52

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Certain Characteristics of Vegetative Hybridization of Cereals by the Embryo Transplantation Method, by G. F. Nikitenko, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 2, 1951, pp 273-276.

Sci Tr Center RT-2127

Scientific - Biology
Apr 55 CIS

22,875

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Retardation of Bud Burst in Fruit Trees [illegible] the Aid of Chemical Preparations, by Iu. V. Kefeli, L. M. Kritskaia.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, 11 Jan 1951, pp 295-297. 511 P444A

USDA Trans 254

527

USSR
Economic - Agriculture, growth substances
Scientific - Biology, growth substances

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Carbohydrate Exchange in Cancer Tumor in Potatoes
by A. I. Grechushnikov, N. N. Yakovleva, 6 pp.

RUSSIAN, thrice-mo-per, Dok Ak Nauk SSSR, Vol LXXVI
No 2, 1951, 303-304.

Sci Tr Ctr RT-3845

Sci - Biology
Aug 56 CIB/dex

37,547

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

(DC-6928)

REACTION OF PARAMECIA TO CERTAIN ORGANIC COMPOXUNDS SUBJECTED TO THE EFFECT OF ULTRA-SOUND AND ULTRAVIOLET LIGHT, BY L. K. LOZINA-LOZINSKIY, M. A. KHENOKH, 6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL LXXVI, NO 2, 1951, PP 317-320.

JPRS 14675

SCI - PHYS

AUG 62 205,842

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

DAN SSSR, Vol LXXVI, No. 2, Jan 1951, pp 321-324.

S. A. Sheynis, "The Ability of Red Blood Corpuscles to Effect Phagocytosis".

Proj # 8646

SR 12/6/51-1

L. M. Bl.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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On Linear Singular Integral Equations With Basic Kernel of Cauchy Type, by B. V. Kveselidze.

RUSSIAN, per, Dok Ak Nauk USSR, Vol LXXVI, No 3, 1951.

Morris D. Friedman K-177

Sci - Physics
Mar 59

84,416

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

The Verification of an Hypothesis Concerning the Normality of Distributions by Small Samples, by A. A. Petrov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 355-358.

AEC Tr 1485

Scientific - Mathematics, hypothesis, samples

Jan 53 CIS/DMX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Observations of the Solar Corona Between Eclipses in 6374.5 A and of the Prominences in 6562.8 A, by A. N. Gnevyshcva, R. S. Gnevyshcva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 375-376.

ATIC F-TS-9618/V

Sci - Astron
Mar 59

82, 845

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Cosmic Rays As Source of the Galactic Radio Emission, by V. L. Ginzburg, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 377-380.

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Scientific - Astronomy

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CIA 2524791

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KUDRYA, B.S.

DOK. AK. NAUK, SSSR, Vol 76, No 3, 1951, pp 395-397

Technique for Spectroscopic Analysis of Welded Joints.

Brutcher Trans No. 2706, $2.40

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

1951

Doklady Ak Nauk SSSR Nov Ser Vol LXXVI No 3 pp 415-18

Concerning High Molecular Polymerization of Isobutylene (Synethetic Fuel) by Academician A. V. Topchiyev, Ya. M. Paushkin and T. E. Lipatova,

QMT-169 Army Tech. Services and completed

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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1951

Doklady Ak Nauk SSSR Nov Ser Vol LXXVI No 3 pp 419-22

Investigation of Structures in Suspensions of Carbon Black (Concerning Paints, Lacquers and Rubber Cements. Structures of Particles of Carbon Black in Rubber Mixtures. Form and Size of Particles of Carbon Black)

QMT-170 Army Tech Services Completed

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Phenomena of the Overheating of Liquid Inclusions in Minerals, by S. A. Tchaikovskiy, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 21 Jan 1951, pp 455-457.

SLA R-1200

May 58

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To the Question of Flameless Gas Combustion, by
L. N. Khitrin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3,
pp 475-478, 1951.

Morris D. Friedman K-161

Sci - Chem
Aug 58

70,601

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Inhibition and Activation of Cracking on Carbon and Alumosilicates, by Ya. M. Paushkin, Yu. S. Lipatov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 4, 1951.

Dept of Interior
Tr No X8 1784

Sci

Jan 63

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Piskunov, N.S.
OPLOSSING VAN EEN RANDOPGAVE VAN EEN NIET-LINEAIRE PARABOLISCHE VERGELIJKING VOOR DE BEWEGING VAN VLOEISTOFFEN EN GASSEN IN EEN POREUS MEDIUM (Solution of a boundary problem for a non-linear parabolic equation of motion of liquids and gases in a porous medium). 7 p. 4 refs. MTWL: 458 (Text in Dutch).
Order from OTS or ETC $1.55 61-17037

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 76, no. 4, p. 505-508.

DESCRIPTORS: *Gas flow, *Fluid flow, Porous materials, Non-linear differential-equations.

61-17037

I. Piskunov, N.S.
II. MTWL-458
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Automatic Mesa Radiator, by V. K. Arkad'ev, I. M. Bunskaya, 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol LXXVI, No 4, 1951, pp 513-514.

SLA R-3089

Sci

Jul 59

91,333

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Shnitnikov, A.V.
SUBSECULAR FLUCTUATIONS OF THE LEVEL OF LAKES IN WESTERN SIBERIA AND NORTHERN KAZAKHSTAN, AND THEIR RELATIONSHIP WITH CLIMATIC FLUCTUATIONS
E. R. Hope, tr. Jan 64 [6p] lref
DSIS-T-399-R.
Order from NRC NRC-C-4746

Trans. of Akad[emiya] Nauk SSSR. Dok[lady] 1951, v. 76, no. 4, p. 523-526.

DESCRIPTORS: *Lakes, Water, Volume, Oscillation, Climatology, *Hydrology.

(Earth Sciences, TT, v. 11, no. 9)

TT-64-12709

I. Shnitnikov, A. V.
II. DSIS-T-399-R
III. NRC-C-4746
IV. Directorate of Scientific Information Services, Ottawa (Canada)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Hydrogenation and Dehydrogenation of Hydrocarbons in the Presence of Cobalt Catalysts With Low Metal Content, by Kh. M. Minachev, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 4, 1951, pp 543-546.

Dept of Interior
Tr No 1783

Sci

Jan 63

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Poisoning of Hydrogenation-Dehydrogenation Catalysts in the Light of the Chemical Theory of the Nature of Their Active Structure, by L. Kh. Freydlin, N. I. Ziminova.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 4, 1951, pp 551-554.

Assoc Tech Sv
RJ-391.
36,942
$6.15

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Katchenkov, S.M.
DE OORSPRONG VAN ASVORMENDE BESTANDDELEN IN AARDOLIE (Origin of the ash components of petroleum). 7 p. 7 refs. MTWL: 460 (Text in Dutch).
Order from OTS or ETC $1.55 61-17039

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 76, no. 4, p. 563-566.

DESCRIPTORS: *Petroleum, Chemical elements, *Combustion.

61-17039

I. Katchenkov, S.M.
II. MTWL-460
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

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Change in the Latex Composition of Kok-Saghyz Roots in Relation to Mineral Fertilizers, by P. M. Baranovskii.

RUSSIAN, pov'A. Dok A. Nauk SSSR, Vol LXXVI, 1 Feb 1951, pp 583-586. 511 P444A

USDA Trans 313

USSR
Economic - Agriculture, mineral
Scientific - Biology, mineral, fertilizers

494

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Mechanism of Ionization and Thermal Dependence of Photoconductivity and the Luminescence of Crystals, by E. I. Adirovich, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI, No 5, 1951, pp 665-668.

Sci Mus Lib Of London
Tr No 52/0742

Scientific - Chemistry or Physics
CRS/DEK

8382

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Temperature "Hysteresis" of Electric Conductivity of Solid Dielectrics With Relaxation Polarization, by G. I. Skanavi, A. I. Demeshina, A. G. Chrelashvili,

RUSSIAN, per, Dok Aka Nauk SSSR, Vol LXXVI, No 5, 1951, pp 673-676.

Nat Res Lib TT-570
Ottawa, Canada
SLA R-1639
INSDOC TR 2112
Scientific - Electric, physics
32827

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Luminance Distribution in Strongly Scattering Media, by V. A. Timofeeva, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 5, 1951, pp 677-680.

CIA/FDD/X-1178

Scientific - Geophysics
CTS/DEX

8510

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Preparation of Hydrocarbons from Organ-magnesium Compounds by the Action of Hexachloroethane, by V. V. Korshak, T. D. Kazarenko, 7 p

RUSSIAN, er, Dok Ak Nauk SSSR, Vol LXXVI, 1951, pp 685-687.

SLA R-2780

Sci

Jul 59

92,366

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Features of the Change in the Crystalline Structure of a Metal Deformed in Surface-Active Media, by V. N. Roshchupkiy, T. A. Amfiteatrova, P. A. Rebinder,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 5, 1951, pp 697-698.

21,946 Sci Mus Lib No 54/3607

Scientific - Min/Metals Mar 55 CIS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Potentiometric Study of the Reaction of Gelatin With Tanning Materials, by A. Pasynskiy, A. Popova, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 5, 1951, pp 711-714.

CIA/WDD/X-1169

Scientific - Chemistry
CTE/DEK

8501

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

On the Fecundity and Growth Rate of Certain Marine Invertebrates, by V. V. Kuznetsov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 5, 1951, pp 743-745.

Sci Trans Center RT-3252

32,109

Sci - Biology Mar 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Some Questions on the Biology of the Tachinid Sturmia Inconspicua Meig. (Diptera, Larvivoridae) and Its Economic Importance, by B. V. Ryvkin, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 5, 1951, pp 755-758.

Sci Trans K Center X RT-614

10,986

Scientific - Biology
CTS/DSK

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

On a Theory of the Elementary Excitations in a Slightly Non-ideal Electron Gas in Crystals, by V. L. Bonch-Bruevich, ~~XXXX~~ S. V. Tyablikov.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 6, 1951, pp 817-819.

Sci Mu Lib of London 52/0746

15,848

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Search for Radiogenic Krypton, by Gerling, E.K. and N. V. Baranovskaya, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR Vol 76, No 6, pp 825-826, 1951

Sci Museum No 51/3626
SLA 61-17467

Scientific

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Catalytic Hydrogenation of Esters of Aldonic Acids in the Presence of Aromatic Amines, by V. M. Berezovskiy, V. A. Kurdyukova, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI, No 6, 1951, pp 839-842.

Sci Tr Center
RT-3839 37,868

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Brodskiĭ, A.I., Chervyatsova, L.L., and Miklukhin, G.P.
OVER DE MOGELIJKHEID VAN TAUTOMERIE VAN TOLUEEN (Possibility of tautomerism of toluene). 7 p. 9 refs. MTWL: 441 (Text in Dutch).
Order from OTS or ETC $1.55 61-17046

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 76, no. 6, p. 843-845.

DESCRIPTORS: *Toluenes, Molecular isomerism.

61-17046

I. Brodskiĭ, A.I.
II. Chervyatsova, L.L.
III. Miklukhin, G.P.
IV. MTWL-441
V. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

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Investigation of the Structure of Adsorbents by Independent Methods, by N. N. Avgul & Others, [illegible].

RUSSIAN, per, Dok.Akad.Nauk USSR, Vol LXXVI, No 6, 1951, pp 855-858.

Insdoc T.708

USSR
Scientific - Chemistry

28, 265

Nov 55
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Indian Nat.Sci. Documentation Ct
Nat. Physical Lab of India,
Hillside Rd, New Delhi-12

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Phase Transitions of the Second Order and the Ehrenfest Equation, by V. A. Sokolov

Full Translation

76?

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXV, No 6, 1951, pp 883-886.

AEC Tr 1130

Sci - Math

Feb 52 CTS

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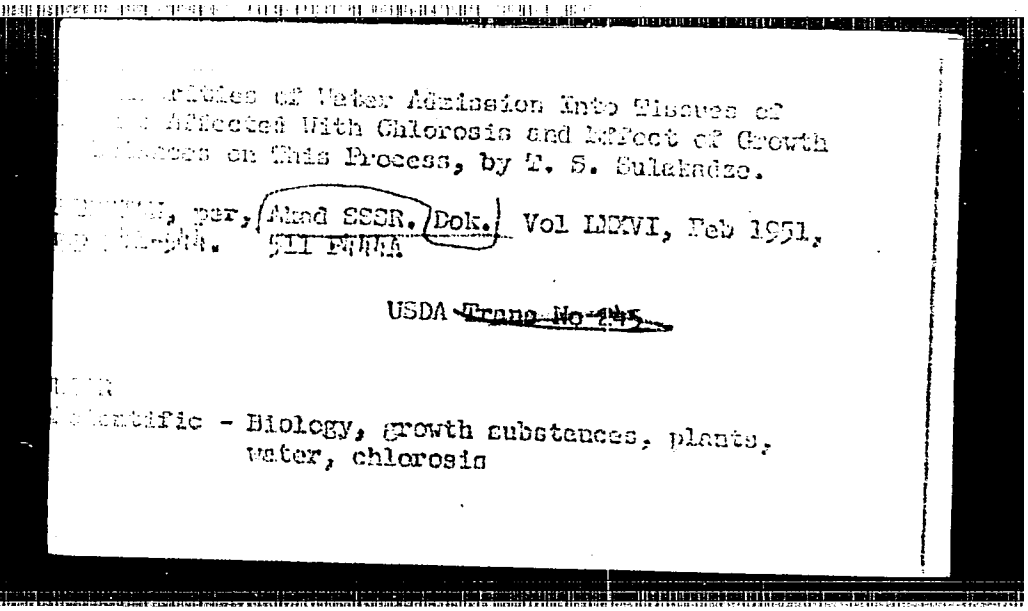

...rticles of Water Admission Into Tissues of ... Affected With Chlorosis and Effect of Growth ...ances on This Process, by T. S. Sulakadze.

...per, Akad SSSR. Dok. Vol LXXVI, Feb 1951, ...pp. SII P4AA

USDA Trans No 245

...ntific - Biology, growth substances, plants, water, chlorosis

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

The Calculation of the Intensity of the Diffuse Scattering of X-Rays for Ageing Alloys, by Yu. A. Bagaryatskiy,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 1, 1951, pp 45-48.

Fulmer Research Institute 34

F. R. I. Trans 19

Scientific - Physics
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14,067

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Nature of "Viscous" Breakdown by V. A. Pavlov, M. V. Yakutovich, 4 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 1, 1951, pp 49-51. 9660859

ATIC MCL-531/III

Sci - Min/Met

Apr 61

147,889

IC-40347 - item 15

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Molten Systems Na_2CO_3 @ K_2CO_3 - $BaTiO_3$ and $BaCl_2$ - $BaTiO_3$, by I. N. Belyayev, M. L. Sholochovnu.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 1, 1952, pp 51-52.

AEC Tr 557

Scientific - Chemistry

Also DSI T-232 Aug 51 CIS 14,422

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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The Nature of Red Phosphorus, by M. Ya. Kraft, V. P. Parini, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 1, 1951, pp 57-60.

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Sci - Chemistry

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Color Reactions With Sulfates, Selenates, Phosphates, and Tungstates, by V. I. Kuznetsov, 9 pp.

Full translation.

RUSSIAN, per Dok Ak Nauk SSSR, Vol LXXVII, No 1, 1951, pp 61-65.

CIA/FDD/X-973

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Scientific - Chemistry

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3829

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Ozonides of Sodium, Rubidium and Cesium, by G. P. Nikol'skiy, Z. A. Bagdasay'yan, I. A. Kazarnovskiy, 9 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, 1951, Vol LXXVII, No 1, pp 69-72.

SLA 59-15504

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Vol 2, No 3

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Hybrid Orbitals for Coordination Numbers 7 and 9,
by M. G. Shirmazan, M. E. Diyatkina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVII, No 1, 1951, pp 75-76.

Sci Trans Center
RT-3741

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Scientific - Mathematics

Jul 56 CTS/dex

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Smirnov, Yu.

A NECESSARY AND SUFFICIENT CONDITION FOR THE METRICIZATION OF A TOPOLOGICAL SPACE (Neobkhodimoe i Dostatochnoe Uslovie Metrizuemosti Topologicheskogo Prostranstva). Feb 64 [9p] 5refs
Order from OTS $0.50 NASA TT F-192

Trans. of Akademiya Nauk SSSR, Doklady, 1951, v. 77, no. 2, p. 197-200.

DESCRIPTORS: *Topology.

The author submits a new solution of the general metricization problem, free of defects ascribed to previous solutions. (NASA)

(Mathematics, TT, v. 11, no. 7)

TT-64-11567

I. Title: Metricization (Mathematics)
I. Smirnov, Yu.
II. NASA-TT-F-192
III. National Aeronautics and Space Administration, Washington, D. C.
IV. Faraday Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

On the Physico-Chemistry of Binary Systems With Volatile Components, by I. A. Ostrovskii, 11 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, No 4, Jul-Aug 1951, pp 76-80.

SIA TR R-1201

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Determination of the Geologic Age of Two Stoney Meteorites by the Argon Method, by E. K. Gerlink, T. G. Pavlova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, 1951, p 85.- 77

Morris D. Friedman G-111
$3.50

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Scientific - Physics CTS 65/Feb 55

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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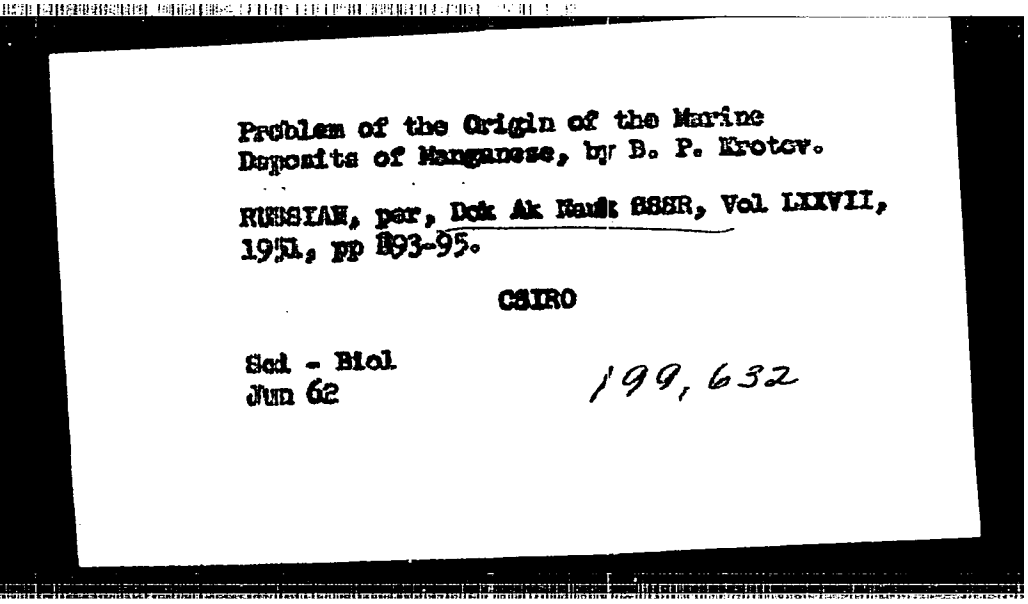

Problem of the Origin of the Marine Deposits of Manganese, by B. P. Krotov.

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Jun 62

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On Intra- and Inter-Species Antagonism Among Micro-organisms, by N. A. Krasil'nikov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1 Mar 1951, pp 117-119. 511 P444A

USDA Tr

USSR Jul 53 CTS/DEX

Scientific - Biology

3419

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Effect of Radiant Energy on the Gonadotropic Factor of the Anterior Lobe of the Hypophysis, by L. A. Kashchenko, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1951, pp 157-160.

Assoc Tech Ser,
RJ-174
Price: $6.60 ($.85)

Scientific - Medicine

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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A Necessary And Sufficient Condition For The Metricization of a Topological Space, by Yu. Smirnov, 7 pp. RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol LXXVII, No 2, 1951, pp 197-200. 9219383

NASA-TT F-192

Sci - Aero, Earth Sci & Astron
Mar 64

250, 913

NLL Ref: 9731.9 1964 (192)
(LOAN COPY)

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(FDD 27159)

Waves in a Plane Horn, by B. L. Rozhdestvenskiy, 7 pp.

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CIA/FDD U-8137

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Sci - Electronics Physics
Apr 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

X-rays in the Reaction Be^9 (a,n)C^{12}, by K. P. Artemov, and N. A. Vlasov, 3 pp.

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Sci Museum No 51/2818
SLA 61-17460

Scientific - Physics

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Spectrum, by V. B. Nikonov, A. B. Severniy, 5 pp.

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ATIC F-TS-9619/V

Sci - Astron
Mar 59

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Gamma Radiation of Cobalt 60, by B. S. Dzhelepov, N. Zhukovskiy, Yu. Khol'nov, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 2, 1951, pp 233-236.

Sci Mus Lib No 56/3146

44,028

Sci - Chemistry

C-213

Nat Res Council

C.2187

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Zhuze, V. P. and Ryvkin, S. M.
THE "EXCITON" CHARACTER OF ABSORPTION OF LIGHT AND THE IMPURITY PHOTOCONDUCTIVITY (Zksitonnyi Kharakter Pogloshcheniya Sveta i Primesnaya Fotoprovodimost'). [1961] [8]p. (foreign text included) 11 refs.
Order from OTS or SLA $1.10 61-18798

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 77, no. 2, p. 241-244.

DESCRIPTORS: *Light, Absorption, Impurities, *Copper compounds, *Oxides, *Photoconductivity, Excitation.

(Physics--Optics, TT, v. 7, no. 1)

61-18798

1. Title: Exciton
I. Zhuze, V. P.
II. Ryvkin, S. M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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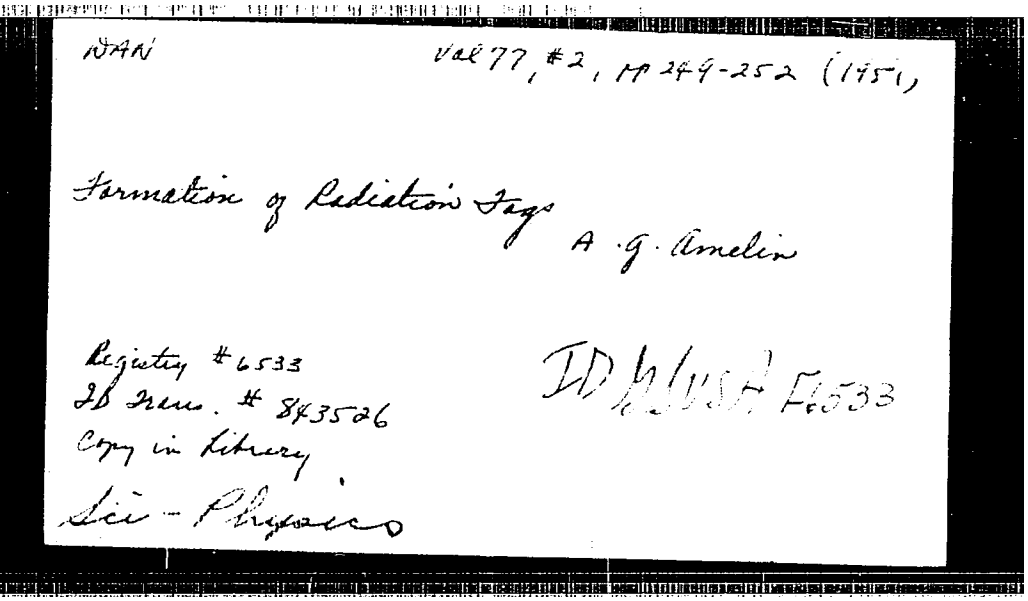

DAN

Vol 77, #2, pp 249-252 (1951)

Formation of Radiation Fogs

A. G. Amelin

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Sci - Physics

DD NSH E6533

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X-Ray Data on the Ageing of the Alloy Al Cu, by Iu. A. Bagariatskiĭ,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 2, 1951, pp 261-264.

Fulmer Research Institute No 18

Scientific - Physics 10,685

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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On the Choice of Optimal Parameters of Automatic Regulation and Following Systems, by V. S. Kulebakin, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, 1951, p 265-268

Morris D. Friedman K-154
$1.50

USSR
Scientific - Physics CTS 65/Feb 55

21,311

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Complex Compounds of Platinum With Allylamine,
by A. D. Gelman, L. N. Essen.

Full translation.

RUSSIAN, per, Dok Akad Nauk, No 77, 1951,
pp 271-275.
273

AEC Tr 1212

Scientific - Chemistry

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Cl^-, Br^- and I^- Color Reactions, by V. I. Kuznetsov, 6 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 2, 1951, pp 281-284.

CIA/FDD/X-971

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Scientific - Chemistry

CTS/DEX 3827

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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A New Highly Specific Spot Test for the Detection of Aluminum, by L. M. Kul'berg, I. S. Mustafin.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol LXXVII, No 2, 1951, pp 285-288.

AEC Tr 1254

Scientific - Chemistry SCAR-2340

VCL RTS 2659

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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The Boron-Chlorine Coefficient in Oil Field Waters,
by T. I. Kazmina,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 2,
1951, pp 301-303.

ATS RJ-1035
ATS 9631BR

Dept of Int
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Petroleum Exper Sta Lib
Bartlesville, Okla,
Tr No 51

91,265

Sci - Chem
Jul 59

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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A New Method of Chromatographic Analysis, by A. A. Shishkovitskiy, O. V. Zalotareva, V. A. Sokolov, N. M. Turkel'taub, 4 pp.

RUSSIAN, thrice-dbm per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, 1951.

AF 360417

Sci - Physics Oct 1951 CTS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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A New Species of Turkestan Rat Louse from Tadzhikistan, by E. P. Sosnina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 2, 1951, pp 365-368.

SLA R-1855

Sci

Jul. 58

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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About the Knowledge of the Discharge of Dissolved Substances From Continents, by O. A. Alekin, L. V. Brazhnikova, 22 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXII?, 1950, pp 12-24.

CIA/FDD XX-1145
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

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May 62

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...ture of the Light Sensitivity of Photographic ...ulsions, by P. V. Meiklyar, 6 pp.

...GSKIAN, trhice-mo per, Dok Ak Nauk SSSR, Vol ...XXVII, No 3, USSR, 1951, pp 391-394.

CIA/FDD/X-1154

Dec 1953 CTS

Sci - Physics, Chemistry

7500

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Polarization of Luminescence of the Night Sky, by
V. I. Krasovskiy, 8 pp. Unclassified

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 3, 1951, pp 395-398.

Navy Tr 427/NRL 367
AMC F-TS-7534-RE
NAD 84776

8381

Scientific - Astronomy
Oct 1951 CTS/DEX
Also Translated by Charles A. Meyer & Co. Inc.
Upper Nyack-on-the Hudson Nyack, N. Y.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Thermal Emission of Small Particles, K. S. Shifrin, UNCLASSIFIED.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, pp 399 - 402, 1951.

Acc 999
Navy Tr 428/NRL 368

Sci - Nuclear Physics

Oct 1951 CTS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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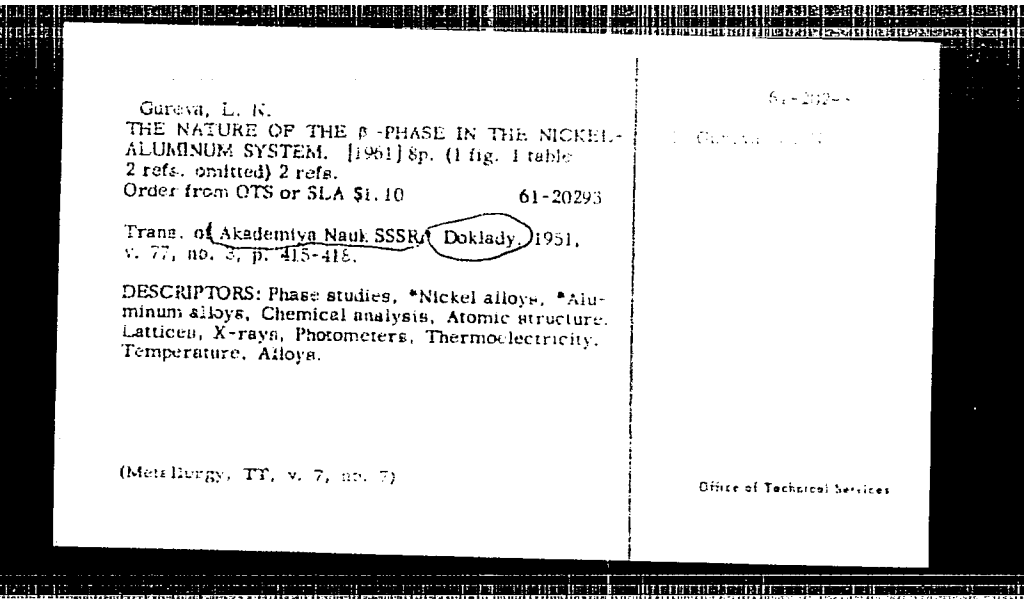

Gureva, L. K.
THE NATURE OF THE β -PHASE IN THE NICKEL-ALUMINUM SYSTEM. [1961] 8p. (1 fig. 1 table 2 refs. omitted) 2 refs.
Order from OTS or SLA $1.10 61-20293

Trans. of Akademiya Nauk SSSR, Doklady, 1951, v. 77, no. 3, p. 415-418.

DESCRIPTORS: Phase studies, *Nickel alloys, *Aluminum alloys, Chemical analysis, Atomic structure, Lattices, X-rays, Photometers, Thermoelectricity, Temperature, Alloys.

(Metallurgy, TT, v. 7, no. 7)

61-20293

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Synthesis of Some Alkoxyhalogenophenoacetic Acids and Their Derivitives, by S. S. Nametkin, K. S. Pokurev, N. N. Mel'nikov.

RUSSIAN, per, Dok Ak Nauk SSSR, No-77, 21 Mar 1951, pp 419-422. 511 AP444

USDA Trans 274

USSR
Economic - Agriculture, herbicides
Scientific - Biology, herbicides

547

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Thermographic Method of Determining the Constants of the Chemical Equilibrium of the Reciprocal Fused Systems, by K. Tovmasjan, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, 1951, pp 429-432.

AEC Tr 2406

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Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Voznesenskii, N. P. and Chernyshev, A. B.
THE STRUCTURE OF THE BOUNDARY LAYER IN THE BURNING OF SOLID FUEL. [1961] [4]p. 4 refs. Order from OTS or SLA $1.10 62-10523

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 77 [no. 3] p. 433-434.

DESCRIPTORS: Solids, *Fuels, Charcoal, Coal, Combustion, Boundary layer, Microstructure.

(Materials--Fuels, TT, v. 7, no. 10)

62-10523

I. Voznesenskii, N. P.
II. Chernyshev, A. B.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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A New Method of Chromatographic Analysis, by A. A. Zhukhovitskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, 1951, pp 435-438.

Sci Mus Lib No 54/1449

SLA 59-10383

Scientific - Physics

Aug 54 CTS

16,785

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Depolymerization of Sodium Desoxyribonucleinase Under the Action of Ultrasonic Waves, by I. B. Zbarskiy, I. E. El'piner, V. N. Kharlamova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, Mar 1951, pp 439-441.

USDA

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Dynamics of Root Quantity in (Weed) Communities Treated With Herbicides, by I. K. Kuttaveer, M. S. Gnilko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 21 Mar 1951, pp 449-452. 511 D44A

USDA Trans No 246

USSR
Scientific - Biology, weed control, plantings, wheat, herbicides

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Fine Purification of Weak Electrolytes With Ionogenic Resins, by K. M. Saldadze, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, 1951, pp 457-460.

CIA/FDD/X-1168

Scientific - Chemistry
CTS/DEX

8516

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Concerning the Age of the Earth, by G. V. Viotkevich, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 3, 1951, pp 461-464.

SLA R-1217

May 58

64,528

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

Application of the Pure Flexion of Crystal Plates in Crystal Holders for Focussing X-Ray Spectrographs, by A. B. Gilvarg, 5 pp.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 77, 1950, pp 489-491.
AEC/NP-Tr-1852

Sci/Method & Equip
Mar 70

402,634

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Dok Ak Nauk SSSR, Nov Ser, Vol LXXVII, No 4, 1 Apr 1951:
Zartonk, Vol 108, No 3495, 26 Feb 1949.

"Report on the Activities of Academician P. L. Kapitsa",

CD --

Proj No 9215

LAFFIN

Article Not Translated in Proj 9215

SP 20 June 51

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

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Determination of a Differential
Spectral Function, by I. M. Gelfand, B. M. Levitan,
11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 4,
1951, pp 557-560. [illegible] 9078275

AEC UCRL-tr-643

Sci - Math

Aug 61

160,419

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

DAN, SSSR Vol 77, No. 4, pp 561-564 (1951)

Computation of Sums of Negative Even Powers of Roots of Bessel Functions

Hroj No 9505

SR 23 July 1951

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

On a Theorem of M. A. Lavrent'ev, by S. N. Mergelyan.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No 4, 1951, pp 565-568.

AEC Tr 1621

Scientific - Chemistry, biographic

Jul 53 CTS

4010

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030019-1

A New Method in the Dynamics of a Viscous Fluid,
by V. G. Mxxxx Nevzglyadov, 7 pp.

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Scientific - Aeronautics, aerodynamics

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DESCRIPTORS: *Earth, *Astrophysics, *Meteorites, Theory, *Solar systems

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DESCRIPTORS: *Combustion, *Coal, Temperature, Oxygen, Physical chemistry.

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